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Attorney Docket No. 9207-4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Lanahan et al.
Serial No. 09/909,464
Filed: July 19, 2001

Group: 1761

For: METHODS FOR HIGH-TEMPERATURE HYDROLYSIS OF GALACTOSE-
CONTAINING OLIGOSACCHARIDES IN COMPLEX MIXTURES

Date: December 20, 2002

Commissioner for Patents
Washington, DC 20231

AMENDMENT

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DEC 31 2002
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Sir:

Responsive to the Office Action dated June 28, 2002, it is respectfully requested that this application be reconsidered in view of the following amendments and remarks.

In the Specification.

Please replace the paragraph at page 28 (line 29) through page 29 (line 9) with the following rewritten paragraph.

-- In the present invention, the hyperthermophilic α -galactosidase described herein may be added to the animal feed at any point in feed or meal processing following removal of hulls, shells or skins from, for example, soybeans, other beans, legumes, corn, wheat, oat, beet, canola, rice or other grains or protein sources, up to and including pelleting or extrusion of the animal feed. For example, the hyperthermophilic α -galactosidase may be added when the various ingredients of the feed are being combined. The only limitation on what point in the feed processing the hyperthermophilic α -galactosidase may be added is that the enzyme must be added prior to a processing step carried out under high temperature (*i.e.*, higher than about 60°C, 70°C, 75°C or 80°C) conditions. Preferably, the hyperthermophilic α -

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